

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN DUPLICATE

(See other instructions on reverse side)

OCT 20 2011

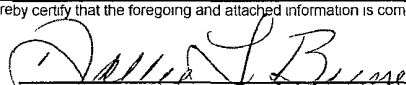
FOR APPROVED
OMB NO 1004-0137

Expires December 31, 1991

LEASE DESIGNATION AND SERIAL NO

NM-012708

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		7 UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input checked="" type="checkbox"/> Other <input type="checkbox"/> RECOMPLETE		8 FARM OR LEASE NAME, WELL NO Howell M 1	
2 NAME OF OPERATOR Burlington Resources Oil & Gas Company		9 API WELL NO 30-045-09101	
3 ADDRESS AND TELEPHONE NO PO BOX 4289, Farmington, NM 87499 (505) 326-9700		10 FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit N (SESW), 990' FSL & 990' FWL At top prod interval reported below same as above At total depth same as above		11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 30, T30N, R8W	
14. PERMIT NO		DATE ISSUED	
12 COUNTY OR PARISH San Juan		13 STATE New Mexico	
15 DATE SPUDDED 5/3/53	16 DATE T D REACHED 5/17/53	17 DATE COMPL (Ready to prod) 10/4/11	18 ELEVATIONS (DF, RKB, RT, BR, ETC)* 5753'
19 ELEV CASINGHEAD			
20 TOTAL DEPTH, MD & TVD 4830'	21 PLUG, BACK T D, MD & TVD 4803'	22 IF MULTIPLE COMPL, HOW MANY* 3	23 INTERVALS DRILLED BY yes
24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* Basin Fruitland Coal 2234' - 2395'			25 WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN No new logs run			27. WAS WELL CORED No
28 CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE 9 5/8"	WEIGHT, LB/FT 25.4#	DEPTH SET (MD) 173'	HOLE SIZE 13 3/4"
TOP OF CEMENT, CEMENTING RECORD Surface, 125sx		AMOUNT PULLED NOV OCT 25 '11	
7"	20#	4022'	8 3/4"
Surface, 625sx (inc.sqz.)			
29 LINER RECORD			
SIZE 4 1/2"	TOP (MD) 2755'	BOTTOM (MD) 4819'	SACKS CEMENT* 355sx
SCREEN (MD) (inc.sqz.)		30 TUBING RECORD	
SIZE 2 3/8", 4.7#, J-55		DEPTH SET (MD) 4590'	
PACKER SET (MD) NO			
31 PERFORATION RECORD (Interval, size and number) Basin Fruitland Coal w/ .42" diam. 3SPF @ 2234' - 2395' = 111 Holes Fruitland Coal Total Holes = 111			
32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 2234' - 2395' Frac w/ 3000gals 25# X-Link Pre-Pad, w/ 169,915gals 75Q 25# Linear Gel/Foam Pad, w/ 116,827# 20/40 brown sand. N2:1,897SCF.			
33 PRODUCTION			
DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING	
WELL STATUS (Producing or shut-in) SI			
DATE OF TEST 9/26/11	HOURS TESTED 1 hr.	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD 0
OIL-BBL 0	GAS-MCF 49.5 mcf/h	WATER-BBL trace	
GAS-OIL RATIO			
FLOW TUBING PRESS SI -282 psi	CASING PRESSURE SI -284 psi	CALCULATED 24-HOUR RATE 0	OIL-BBL 0
GAS-MCF 1188 mcf/d		WATER-BBL 2 bwp/d	
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) To be sold			
35. LIST OF ATTACHMENTS This is now a trimingle MV/PC/FC well commingled per DHC-4337.			
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED 		TITLE Staff Regulatory Technician	
DATE 10-19-11			

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCDA

PC

API # 30-045-09101		Howell M 1 (Recomplete)			
Ojo Alamo	1366'	1464'	White, cr-gr ss.	Ojo Alamo	1366'
Kirtland	1464'	2195'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1464'
Fruitland	2195'	2454'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2195'
Pictured Cliffs	2454'	2827'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	2454'
Lewis	2827'	3177'	Shale w/siltstone stringers	Lewis	2827'
Huerfanito Bentonite	3177'	4038'	White, waxy chalky bentonite	Huerfanito Bent.	3177'
Cliffhouse	4038'	5799'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	4038'
Menefee	4225'	4646'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4225'
Point Lookout	4646'	6293'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4646'
Mancos	4726'	4819'	Dark gry carb sh.	Mancos	4726'

R

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OMB NO 1004-0137

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5 LEASE DESIGNATION AND SERIAL NO

NM-012708

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO

Howell M 1

9 API WELL NO

30-045-09101

10 FIELD AND POOL, OR WILDCAT

Blanco Pictured Cliffs

11 SEC, T, R, M, OR BLOCK AND SURVEY
OR AREA

Sec. 30, T30N, R8W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒DRY ☐Other ☐

b TYPE OF COMPLETION

NEW
WELL ☐WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF
RESVR ☒Other ☐

RECOMPLETE

2 NAME OF OPERATOR

Burlington Resources Oil & Gas Company

3 ADDRESS AND TELEPHONE NO

PO BOX 4289, Farmington, NM 87499 (505) 326-9700

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface Unit N (SESW), 990' FSL & 990' FWL

At top prod interval reported below same as above

At total depth same as above

14 PERMIT NO.

DATE ISSUED

12 COUNTY OR
PARISH

San Juan

13 STATE

New Mexico

15 DATE SPUDDED

5/3/53

16 DATE T D REACHED

5/17/53

17 DATE COMPL (Ready to prod)

10/4/11

18 ELEVATIONS (DF, RKB, RT, BR, ETC)*

5753'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

4830'

21 PLUG, BACK T D, MD & TVD

4803'

22 IF MULTIPLE COMPL, HOW MANY*

3

23 INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

Blanco Pictured Cliffs 2454' - 2513'

25 WAS DIRECTIONAL
SURVEY MADE

NO

26 TYPE ELECTRIC AND OTHER LOGS RUN

No new logs run

27 WAS WELL CORED

No

28 CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8", Spiral	25.4#	173'	13 3/4"	Surface, 125sx	
7", J-55	20#	4022'	8 3/4"	Surface, 625sx (inc.sqz.)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2", J-55	2755'	4819'	355sx		2 3/8", 4.7#, J-55	4590'	
10.5#			(inc.sqz.)				

30 TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

Blanco Pictured Cliffs w/ .34" diam.

1SPF @ 2454' - 2513' = 59 Holes

Total Pictured Cliffs Holes = 59

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

2454' - 2513'

Acidize w/ 10bbbls 15% HCL. Frac w/ 65,660gals 70Q 20#
Linear Gel/Foam pad, w/ 100,280# 20/40 brown sand.
N2:401,100SCF.

33

DATE FIRST PRODUCTION

N/A

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

FLOWING

WELL STATUS (Producing or shut-in)

SI

DATE OF TEST

9/29/11

HOURS TESTED

1 hr.

CHOKE SIZE

1/2"

PROD'N FOR
TEST PERIOD

0

OIL--BBL

5.5 mcf/h

GAS--MCF

0 bwp/d

WATER--BBL

FLOW TUBING PRESS

SI -282 psi

CASING PRESSURE

SI -284 psi

CALCULATED
24-HOUR RATE

0

OIL--BBL

132 mcf/d

GAS--MCF

0 bwp/d

WATER--BBL

OIL GRAVITY API (GOR)

OIL VISC. CP (GV)

OIL TEM. DEG F

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc)

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

This is now a trimingle MV/PC/FC well commingled per DHC-4337.

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Staff Regulatory Technician

DATE

11-08-11

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Fruitland	2195'	2454'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2195'
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